

IN THE CLAIMS

Please amend Claims 1, 4, 6 to 12, 15, 21, 27, 33, 39 and 40, and add Claims 41 to 60, as follows. Note that all of the claims currently pending in this application, including those not presently being amended, have been reproduced below.

1. (Currently Amended) A customisable user interface system comprising:

a card comprising a substrate, a memory device associated therewith, and indicia formed on said substrate and user interpretable to relate to functions stored within said memory; and

a reader device for said card comprising a touch sensitive device arranged to overlay an inserted said card and through which said indicia are visible, characterised in that (a) said touch sensitive device comprises a membrane via which said ~~indicia, arbitrarily arranged on said substrate, may be selected.~~ indicia may be selected, the membrane being responsive to a touch applied anywhere on the membrane, and (b) the indicia are arranged on the card independently of where the touch can be applicable to the membrane to select the indicia.

2. (Original) A customisable user interface according to claim 1, wherein

said indicia are at least one of arbitrarily positioned, and arbitrarily shaped, on said substrate.

3. (Original) A customisable user interface system according to claim 1, wherein:

selection of indicia is determined in relation to bounding boxes delineating said indicia.

4. (Currently Amended) A control template for a user interface system, said template being adapted for use with a reader device including a touch sensitive membrane responsive to a touch applied anywhere on the membrane, the membrane being arranged to overlay the template when the template is coupled to the reader device the template comprising:

an electronic card formed of a substrate having associated therewith a memory device;

a plurality of indicia ~~being at least one of arbitrarily positioned, and arbitrarily shaped, on said substrate~~ on said substrate the indicia being arranged on the substrate independently of where the touch is applicable to the membrane to select the indicia; and

mapping data stored within said memory device and defining a mapped position of each said indicium relative to the substrate.

5. (Original) A control template according to claim 4, wherein:
said mapped position of each said indicium is determined in relation to a bounding box delineating said each indicium.

6. (Currently Amended) A read device for a control template interface card having indicia on a surface thereof, said device comprising:

a substantially transparent touch sensitive membrane arranged to overlay said interface card the membrane being responsive to a touch applied anywhere on the membrane, said touch being directed to a selected one of the indicia; and

means for reading a memory device formed in said interface card in response to said user's [a] ~~users~~ touch [of] on said membrane,

wherein the indicia are arranged on the card independently of where the touch is applicable to the membrane to select the indicia.

7. (Currently Amended) A customisable ~~customizable~~ user interface system according to claim 1, wherein said card stores a command and memory address associated with a user selected one of said indicia in said memory device, said command and memory address being used to down-load specific image data to a user display over a network from an image store that is located remotely from the user.

8. (Currently Amended) A control template according to claim 4, wherein said card stores a command and memory address associated with a user selected one of said indicia in said memory device, said command and memory address being used to down-load specific image data to a user display over a network from an image store that is located remotely from [a] the user.

9. (Currently Amended) A customizable user interface system according to claim 1, wherein

said card stores a command and memory address associated with a user selected one of said indicia in said memory device, said command and memory address being used to read a specific image data to a user display from an image store that is located in proximity to [a] the user.

10. (Currently Amended) A control template according to claim 4, wherein said card stores a

command and memory address associated with a user selected one of said indicia in said memory device, said command and memory address being used to read a specific image data to [a] the user display from an image store that is located in proximity to a user.

11. (Currently Amended) A customizable user interface system according to claim 1, wherein

said reader device reads a command and memory address associated with a user selected one of said indicia from said card and outputs said command and memory address to an external device having an image store that is located remotely from the user to display a specific image on a display.

12. (Currently Amended) A reader device according to claim 6, wherein said reading means

reads a command and memory address associated with a user selected one of said indicia from said card and outputs said command and memory address to an external device having an image store that is located remotely from the user to display a specific image on a display.

13. (Original) A customizable user interface system according to claim 1, wherein

said reader device reads a command and memory address associated with a user selected one of said indicia from said card and outputs said command and memory address to an external device having an image store that is located in proximity to the user to display a specific image on a display.

14. (Original) A customizable user interface system according to claim 6, wherein

said reading means reads a command and memory address associated with a user selected one of said indicia from said card and outputs said command and memory address to an external device having an image store that is located in proximity to the user to display a specific image on a display.

15. (Currently Amended) A smart card to be inserted into a card reader that communicates with a computer device, the card reader comprising a touch sensitive membrane arranged to overlay an inserted said smart card and through which indicia on the

inserted card are visible, the membrane being responsive to a touch applied anywhere on the membrane, said smart card comprising:

a memory for storing a command and an address that is pointing to a remote location in [an] a second computer device at which information is stored, wherein the information is accessed via a communication line between the computer device and the second computer device; and

~~an indicium~~ one of the indicia on said card that is associated with said command, the indicia being arranged on the card independently of where the touch is applicable to the membrane to select the indicia.

16. (Previously Presented) A smart card according to claim 15, wherein the information is an application that is located on said second computer device.

17. (Previously Presented) A smart card according to claim 15, wherein the information is accessed via the communication line when a user selects an indicium on the card.

18. (Previously Presented) A smart card according to claim 15, wherein the access is carried out by sending a command from the card reader to the second computer device via the computer device.

19. (Previously Presented) A smart card according to claim 18, wherein the command is sent to said second computer by selecting said indicium.

20. (Previously Presented) A smart card according to claim 15, wherein the information is loaded from said second computer device to said computer device.

21. (Currently Amended) A computer device for communicating with a card reader comprising a touch sensitive membrane arranged to overlay an inserted smart card and through which indicia on a surface of the inserted smart card are visible, the membrane being responsive to a touch applied anywhere on the membrane, the reader, indicia being arranged on the card independently of where the touch is applicable to the membrane to select the indicia, said computer device comprising:

a processor for receiving a command from the card reader that receives [a] said card that stores said command and an address that is pointing to a remote location in a second computer device at which information is stored, wherein the information is accessed via a communication line between the computer device and the second computer device.

22. (Previously Presented) A computer device according to claim 21, wherein the information is an application that is located on said second computer device.

23. (Previously Presented) A computer device according to claim 21, wherein the information is accessed via the communication line when a user selects an indicium on the card.

24. (Previously Presented) A computer device according to claim 21, wherein the access is carried out by sending a command from the card reader to the second computer device via the computer device.

25. (Previously Presented) A computer device according to claim 24, wherein the command is associated with an indicium on the card which is selected by a user and stored in a memory of the card.

26. (Previously Presented) A computer device according to claim 21, wherein the information is loaded from the second computer device to said computer device.

27. (Currently Amended) A computer device that communicates ~~for~~ with a second computer device via a communication line, and the second computer device communicates with a card reader comprising a touch sensitive membrane arranged to overlay an inserted smart card and through which indicia on a surface of the inserted reader, smart card are visible, the membrane being responsive to a touch applied anywhere on the membrane, the indicia being arranged on the card independently of where the touch is applicable to the membrane to select the indicia, said computer device comprising:

a processor for receiving a command from the card reader that receives [a] said card that stores said command and an address that is pointing to a remote location in said computer device at which information is stored, wherein the information is accessed via the communication line between the computer device and the second computer device.

28. (Previously Presented) A computer device according to claim 27, wherein the information is an application that is located on the second computer device.

29. (Previously Presented) A computer device according to claim 27, wherein the information is accessed via the communication line when a user selects an indicium on the card.

30. (Previously Presented) A computer device according to claim 27, wherein the access is carried out by sending the command from said card reader to said computer device via the second computer device.

31. (Previously Presented) A computer device according to claim 30, wherein the command is associated with an indicium on the card that is selected by a user and stored in a memory of the card.

32. (Previously Presented) A smart card according to claim 27, wherein the information is loaded from said computer device to the second computer device.

33. (Currently Amended) A card reader for a card, the card being configured for insertion into said card reader, said card reader comprising:

a touch sensitive membrane arranged to overlay an inserted said card and through which indicia on a surface of the inserted card are visible, the membrane being responsive to a touch applied anywhere on the membrane, the indicia being arranged on the

card independently of where the touch is applicable to the membrane to select the indicia;
and

a processor for retrieving from a memory of the card an address that is pointing to a remote location in a second computer device at which information is stored and sending a command that is stored in the memory to the second computer device via a first computer device, wherein the information is accessed via a communication line between the first computer device and the second computer device.

34. (Previously Presented) A card reader according to claim 33, wherein the information is an application that is located on the second computer device.

35. (Previously Presented) A card reader according to claim 33, wherein the information is accessed via the communication line when a user selects an indicium on the card.

36. (Previously Presented) A card reader according to claim 33, wherein the access is carried out by sending a command from the card reader to the second computer device via the computer device.

37. (Previously Presented) A card reader according to claim 36, wherein the command is associated with an indicium on the card which is selected by a user and stored in the memory of the card, and is read by said card reader.

38. (Previously Presented) A card reader according to claim 33, wherein the information is loaded from the second computer device to the first computer device.

39. (Currently Amended) A computer program to be executed in a computer device for communicating with a card reader comprising a touch sensitive membrane arranged to overlay an inserted card and through which indicia on a surface of the inserted card are visible, the membrane being responsive to a touch applied reader; anywhere on the membrane, the indicia being arranged on the card independently of where the touch is applicable to the membrane to select the indicia, said computer program comprising:

code to receive a command from said card reader that receives [a] said card that stores said command and an address that is pointing to a remote location in ~~an~~ another computer device at which information is stored, wherein the information is accessed via a communication line between the computer device and the other ~~another~~ computer device.

40. (Currently Amended) A computer program to be executed in a computer device that communicates for a second computer device via a communication line, the second computer device communicates with a card reader comprising a touch sensitive membrane arranged to overlay an inserted card and through which indicia on reader; a surface of the inserted card are visible, the membrane being responsive to a touch applied anywhere on the membrane, the indicia being arranged on the card independently

of where the touch is applicable to the membrane to select the indicia, said computer program comprising;

code to receive a command from the card reader that receives [a] said card that stores said command and an address that is pointing to a remote location in the computer device at which information is stored, wherein the information is accessed via the communication line between the computer device and the second computer device.

41. (New) A customisable user interface system comprising:

a reader device for a card, the reader device including a touch sensitive membrane having a plurality of individually selectable touch sensitive areas distributed about the membrane, the membrane being arranged to overlay the card when the card is coupled to the reader device;

the card, comprising a substrate, a memory device associated therewith, and a plurality of indicia distributed on that surface of the substrate that is arranged to abut the overlying membrane, said indicia being visible through the overlying membrane and having corresponding user interpretable relationships to commands stored within said memory device; wherein

the indicia are each individually selectable and are arranged on the substrate of the card independently of locations of the plurality of touch sensitive areas.

42. (New) A customisable user interface system comprising:

a reader device for a card, the reader device including a touch sensitive membrane having a plurality of individually selectable touch sensitive areas distributed

about the membrane, the membrane being arranged to overlay the card when the card is coupled to the reader device;

the card, comprising a substrate, a memory device associated therewith, and a plurality of indicia distributed on that surface of the substrate that is arranged to abut the overlying membrane, said indicia (a) being visible through the overlying membrane, (b) having corresponding user interpretable relationships to commands stored within said memory device, and (c) each being associated with a corresponding bounding area on the surface; wherein

the indicia are each individually selectable and the associated bounding areas are arranged on the substrate of the card independently of locations of the plurality of touch sensitive areas.

43. (New) A customisable user interface system according to claim 42, wherein the indicia are each selectable by means of pressure applied to at least one of the touch sensitive areas overlying said corresponding bounding area.

44. (New) A customisable user interface system according to claim 43, wherein each said bounding area comprises a bounding box which at least partially envelops the corresponding indicium, the position of the bounding box on the surface of the substrate being established by mapping data.

45. (New) A customisable user interface system according to claim 44, wherein the mapping data comprises coordinates of diagonally opposed corners of the bounding box, and said coordinates are stored within the memory device.

46. (New) A customisable user interface according to claim 41, wherein said indicia are arbitrarily shaped.

47. (New) A control template for a user interface system, said template being adapted for use with a reader device including a touch sensitive membrane having a plurality of individually selectable touch sensitive areas distributed about the membrane, the membrane being arranged to overlay the template when the template is coupled to the reader device; said template comprising:

a substrate, a memory device associated therewith, and a plurality of indicia distributed on that surface of the substrate that is arranged to abut the overlying membrane, said indicia (a) being adapted to be visible through the overlying membrane, (b) having corresponding user interpretable relationships to commands stored within said memory device, and (c) each being associated with a corresponding bounding area on the surface,

wherein the indicia are each individually selectable and the associated bounding areas are arranged on the substrate of the card independently of locations of the plurality of touch sensitive areas.

48. (New) A control template according to claim 47, wherein said indicia are arbitrarily shaped.

49. (New) A control template according to claim 47, wherein the indicia are each selectable by means of pressure applied to at least one of the touch sensitive areas overlying said corresponding bounding area.

50. (New) A control template according to claim 49, wherein each said bounding area comprises a bounding box which at least partially envelops the corresponding indicium, the position of the bounding box on the surface of the substrate being established by mapping data.

51. (New) A control template according to claim 50, wherein the mapping data comprises coordinates of diagonally opposed comers of the bounding box, and said coordinates are stored within the memory device.

52. (New) A reader device for a card, the reader device including a touch sensitive membrane having a plurality of individually selectable touch sensitive areas distributed about the membrane, the membrane being arranged to overlay the card when the card is coupled to the reader device,

wherein said card comprises a substrate, a memory device associated therewith, and a plurality of indicia distributed on that surface of the substrate that is arranged to abut the overlying membrane, said indicia (a) being visible through the overlying membrane, (b) having corresponding user interpretable relationships to commands stored within said memory device, and (c) each being associated with a corresponding bounding area on the surface, and

wherein said indicia are each individually selectable and the associated bounding areas are arranged on the substrate of the card independently of locations of the plurality of touch sensitive areas.

53. (New) A reader device according to claim 52, said device further comprising:

means for reading the device formed in said interface card in response to a users touch of said membrane.

54. (New) A customizable user interface system according to claim 41, wherein said card stores a memory address associated with a user selected one of said indicia in said memory device, at least one of said commands and said memory address being used to down-load specific image data to a user display over a network from an image store that is located remotely from user.

55. (New) A control template according to claim 54, wherein said card stores a memory address associated with a user selected one of said indicia in said memory device, at least one of said commands and said memory address being used to down-load specific image data to a user display over a network from an image store that is located remotely from a user.

56. (New) A customizable user interface system according to claim 41, wherein said card stores a memory address associated with a user selected one of said

indicia in said memory device, at least one of said commands and said memory address being used to read a specific image data to a user display from an image store that is located in proximity to a user.

57. (New) A control template according to claim 54, wherein said card stores a memory address associated with a user selected one of said indicia in said memory device, at least one of said commands and said memory address being used to read a specific image data to a user display from an image store that is located in proximity to a user.

58. (New) A customizable user interface system according to claim 41, wherein the card further stores a memory address, and wherein said reader device reads at least one of said commands and said memory address associated with a user selected one of said indicia from said card and outputs said at least one of said commands and said memory address to an external device having an image store that is located remotely from a user to thereby display a specific image on a display.

59. (New) A reader device according to claim 53, wherein the card further stores a memory address, and wherein said reading device reads at least one of said commands and said memory address associated with a user selected one of said indicia from said card and outputs said at least one of said commands and said memory address to

an external device having an image store that is located remotely from the user to thereby display a specific image on a display.

60. (New) A customizable user interface system according to claim 41, wherein said card further stores a memory address, and wherein said reader device reads at least one of said commands and said memory address associated with a user selected one of said indicia from said card and outputs said at least one of said commands and said memory address to an external device having an image store that is located in proximity to the user to thereby display a specific image on a display.